

## **Appendix D**

### **Project Schedule**

## PROJECT SCHEDULE

ID	Task Name	Estimated Scheduled Start	Estimated Duration (Days)
1	Waste characterization sampling	June 2018	1
2	Secure building permits	June 2018	12
3	Waste profiling and disposal authorizations	June 2018	10
4	Fabricate structural support beams/reinforcement	June – July 2018	6
5	Former Weld Shop demolition	July 2018	5
6	Mobilization, survey, and site preparation	July 2018	2
7	Install temporary ramp in truck dock	July 2018	3
5	Utility clearance and saw cutting floor slab	July 2018	1
5	Phase I Former Degreaser Area – Install structural support system and excavation	July 2018	10
6	Phase I Former Degreaser Area – Verification sampling and laboratory analysis	July 2018	3
7	Phase I Former Degreaser Area – Backfill, compaction testing and construct column footings/columns	July – August 2018	9
8	Phase I Former Degreaser Area – Remove structural support system and install support structural system for Phase II	August 2018	4
9	Phase II Former Degreaser Area – Excavation	August 2018	5
10	Phase II Former Degreaser Area – Verification sampling and laboratory analysis	August 2018	3
11	Phase II Former Degreaser Area – Backfill, compaction testing and construct column footings/columns	August – September 2018	14
12	Former Degreaser Area – Utility replacement and pour and cure new concrete floor slab	September 2018	10
13	Phase II Former Degreaser Area – Remove structural support system and install support structural system for B-313 Area excavation	September 2018	5
14	B-313 Area – Excavation	September 2018	4

<b>ID</b>	<b>Task Name</b>	<b>Estimated Scheduled Start</b>	<b>Estimated Duration (Days)</b>
15	B-313 Area – Verification sampling and analysis	September 2018	3
16	B-313 Area – Backfill, compaction testing and construct column footings/columns	September - October 2018	8
17	B-313 Area – Remove structural support system	October 2018	2
18	B-313 Area – Utility replacement and pour and cure new concrete floor slab	October 2018	10
19	Temporary ramp removal	October 2018	3
20	Contractor punch list and demobilization	October 2018	2
21	Reporting	November – December 2018	60

## **Appendix E**

### **Project Cost Estimate**

Remedial Cost Estimate  
Magnetrol International, Inc.  
Downers Grove, Illinois

Non-Responsive

Excavation and Disposal	Quantity	Unit
Mobilization In & Out	1	Lump Sum
Placement of stone ramp to enter building	1	Lump Sum
Removal of stone ramp	1	Lump Sum
Saw cutting of floor	600	Lin Ft
Excavation & breaking of floor	8,800	Sq Ft
Load, transport and dispose of concrete	8,800	Sq Ft
Remove piers	8	Each
Load, transport and dispose of piers	8	Each
Excavate, load and dispose of contaminated soil	3,550	Ton
Excavate, load and dispose of hazardous waste	20	Ton
Transportation of hazardous waste	1	Load
3" stone backfill to 3' below FF	2,000	Ton
CA-6 stone backfill to subbase for concrete	800	Ton
Clean up site	1	Lump Sum
Concrete		
6" floor w/ 6x6 #6 mesh, C&S & 6mil visqueen	8,800	Sq Ft
Dowel 1/2" x 18" into existing floor 12" o/c	600	Each
3'6" x 3'6" x 1'3" pier w/ rebar and anchor bolts	8	Each
Concrete washout box	2	Each
Ironwork/Support Structure		
Elevation survey and mark columns	1	Lump Sum
Steel for support beams	1	Lump Sum
Steel for support columns	1	Lump Sum
Mobilization	1	Lump Sum
Support columns 2G, 3G & 4G (1 setup)	1	Lump Sum
Move support to columns 3F, 4F & 3E	1	Lump Sum
Support steel columns 6E & 7E	1	Lump Sum
Check columns and verify elevations	1	Lump Sum
Raise columns as needed	1	Lump Sum
Remove all support steel	1	Lump Sum
Demobilize	1	Lump Sum
Rolloff box for trash	1	Each
Plumbing		
Plumber - repair/replace plumbing	40	Hourly
Plumbing material allowance	1	Lump Sum
Subtotal		
Building Permit Fees/Inspection Allowance:	1	Lump Sum
Compaction Testing:	1	Lump Sum
Concrete Testing	1	Lump Sum
Subtotal		
10% Contingency:		
Structural Engineering Costs (under contract):		
Engineering Oversight/Inspection:		
Waste Profile Sampling & Analysis:		
Environmental Oversight/Laboratory/Reporting Services:		
Total Estimated Project Costs		